

ZwickRoell Academy Training Courses

For beginners to advanced users, ZwickRoell offers training courses designed to address your specific testing needs. Understanding your testing system and processes offers you and your company direct advantages:

- Reliable test results
- Cost savings
- Efficient testing
- Safe operation



Training courses are held at ZwickRoell in Atlanta, GA. On-site training at your location is also available upon request. Group sizes are limited to ensure practical hands-on learning. For your professional development and qualification, we provide you with a personal certificate to certify the scope of the training course and learning content.

For further information on course availability and scheduling, or to request a quote, contact us at training.us@ZwickRoell.com.

Courses currently available

- / Materials Testing 101 for New Users
- / testXpert® II Basic Course
- / testXpert® II Advanced Course
- / testXpert® III Basic Course
- / testXpert® III Advanced Course
- / testXpert® Customer Application Day
- / Introduction to ZIMT Programming Language
- / Introduction to the Graphical Sequence Editor
- / Cyclic Master Test Program Short Course
- / Export Editor Short Course

Our best combination for your successful future testing - Bundle your course with a hands-on experience

- / Materials Testing 101 for New Users
and/or
- / testXpert® Basic or Advanced
plus
- / testXpert® Customer Application Day

Course descriptions

Materials Testing 101 for New Users

Duration: 1 day

Prerequisite: None

Learning objectives

- Learn to identify the parts of a testing machine and the different instruments it uses to collect data
- Basic interpretation and understanding of the most common test results and standards
- Interpret test graphs and identify/prevent common mistakes that lead to inaccurate test results

testXpert® II Basic Course

Duration: 2 days

Prerequisite: Familiarity with testXpert II features and functions

Learning objectives

- Learn the fundamentals of testXpert II Standard and Master Test Programs including layout setup, implementing new parameters, results and dialogs, and user management
- Understand the System configuration builder
- Become familiar with the safety features and functions of the machine
- learn to create a test sequence according to your specific requirements
- Interpret test results

testXpert® II Advanced Course

Duration: 2 days

Prerequisite: testXpert® II Basic Course

Learning objectives

- Work with Master Test Programs and the advanced wizard to configure more complex test sequences
- Understand the advanced possibilities for System configuration builder
- Create a test sequence according to your specific requirements
- Generate parameters and dialogs
- Manage data export and import
- Work with correction curves
- Integrate external devices and work with additional channels
- Interpret advanced testing results

testXpert® Customer Application Day

Duration: 1 day

Prerequisite: Basic knowledge of testXpert II

You will have the opportunity to present your own specific testing challenges using samples from your testing lab. In consultation with our Zwick software expert, learn how to optimize testing workflow, ensure compliance with industry requirements, and ensure reliable test results. Only available in combination with testXpert® II and III Basic and Advanced courses.

Introduction to ZIMT Programming Language

Duration: 1 day

Prerequisite: testXpert® II Basic Course

Learning objectives

- Learn how to customize testXpert using the ZIMT programming language and generate new test results, control structures, and dynamic layout modifications
- Create complex results and virtual channels
- Utilize simulation mode to trial test sequences and evaluate outcomes
- Optimize the process of setting up custom results and control loops

Introduction to the Graphical Sequence Editor

Duration: 1 day

Prerequisite: None

Learning objectives

- Learn how to make changes to test sequences using the Graphical Sequence Editor
- Create complex results and virtual channels
- Set up complex test sequences and control loops
- Practice in simulation mode of the Graphical Sequence Editor using a virtual machine

Cyclic Master Test Program Short Course

Duration: 1 day

Prerequisite: testXpert® II Basic Course

Participants will learn how to setup and complete cyclic tests using the Master Test Program.

Export Editor Short Course

Duration: 1 day

Prerequisite: testXpert® II Basic Course

Participants will learn how to setup and automate data exporting using the Export Editor. This course is particularly useful for customers operating in high volume, high throughput environments who require the capability to share test results across internal proprietary databases and software platforms. The course addresses export to such programs, but Zwick USA requests that notice of these requirements be provided upon course registration.